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ATTORNEY DOCKET NO. 403179/SOGA

CLIENT REF. NO.

**10/505211**

U.S. APPLICATION NO.

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 USC 371 AND 37 CFR 1.491**

INTERNATIONAL APPLICATION NO.  
PCT/JP03/014664

INTERNATIONAL FILING DATE.  
November 18, 2003

PRIORITY DATE CLAIMED  
January 24, 2003

TITLE OF INVENTION POWER CIRCUIT FOR BATTERY

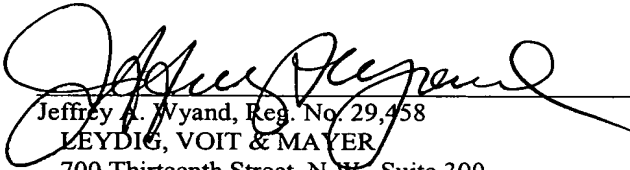
APPLICANT(S) FOR DO/EO/US OKUDA et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491.
3. ☒ This is an express request to begin national examination procedures (35 USC 371(f)).
4. ☒ The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
5. ☒ A copy of the International Application as filed (35 USC 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 USC 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 USC 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).
11. Nucleotide and/or Amino Acid Sequence Submission
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ Paper Copy
  - c. ☐ Statement verifying identity of above copies

**Items 12 to 19 below concern other document(s) or information included:**

12. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
  - ☒ Form PTO-1449
  - ☒ Copies of References (except for U.S. patents and applications)
13. ☒ An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
14. ☒ A **FIRST** preliminary amendment.
  - ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ Application Data Sheet Under 37 CFR 1.76
18. ☒ Return Receipt Postcard
19. ☒ Other items or information: International Search Report (PCT/ISA/210)

U.S. APPLICATION NO. <b>10/505211</b>		INTERNATIONAL APPLICATION NO. PCT/JP03/014664		ATTORNEY DOCKET NO. 403179/SOGA		CLIENT REF. NO.																			
20. The following fees are submitted: <input checked="" type="checkbox"/> <b>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1,080.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO, but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1) to (4) ..... \$100.00						CALCULATIONS		PTO USE ONLY																	
						ENTER APPROPRIATE BASIC FEE AMOUNT=		\$920.00																	
<input type="checkbox"/> <b>Claim Fee</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>13</td> <td>-20=</td> <td>x \$ 18.00</td> </tr> <tr> <td>Independent Claims</td> <td>3</td> <td>- 3 =</td> <td>x \$ 86.00</td> </tr> <tr> <td colspan="3"><input type="checkbox"/> Multiple Dependent Claim(s) (if applicable)</td> <td>+ \$290.00</td> </tr> </tbody> </table>						CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total Claims	13	-20=	x \$ 18.00	Independent Claims	3	- 3 =	x \$ 86.00	<input type="checkbox"/> Multiple Dependent Claim(s) (if applicable)			+ \$290.00				
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																						
Total Claims	13	-20=	x \$ 18.00																						
Independent Claims	3	- 3 =	x \$ 86.00																						
<input type="checkbox"/> Multiple Dependent Claim(s) (if applicable)			+ \$290.00																						
<input type="checkbox"/> <b>Surcharge of \$130.00 for furnishing the National fee or oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date</b>						\$																			
<b>TOTAL OF ABOVE CALCULATIONS=</b>						\$920.00																			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.						\$( )																			
<b>SUBTOTAL=</b>						\$920.00																			
<input type="checkbox"/> Processing fee of \$130.00 for furnishing English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date.						\$																			
<b>TOTAL NATIONAL FEE=</b>						\$920.00																			
<input checked="" type="checkbox"/> Fee for recording the enclosed assignment. The assignment must be accompanied by an appropriate cover sheet. \$40.00 per property						+		\$40.00																	
<b>TOTAL FEE=</b>						\$960.00																			
						Amount to be:																			
						refunded		\$																	
						charged:		\$																	
a. <input type="checkbox"/> No fee is believed to be due. b. <input checked="" type="checkbox"/> Please charge Deposit Account No. 12-1216 the total fee indicated above. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-1216. A duplicate copy of this sheet is enclosed.																									
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>																									
SEND ALL CORRESPONDENCE TO CUSTOMER NO. 23548:																									
23548																									
 Jeffrey A. Wyand, Reg. No. 29,458 LEYDIG, VOIT & MAYER 700 Thirteenth Street, N.W., Suite 300 Washington, DC 20005-3960 (202) 737-6770 (telephone) (202) 737-6776 (facsimile)																									
Date: <u>August 20, 2004</u>																									